United States of America
Department of Homeland Security
United States Coast Guard

Certification Date:	01 Nov 2021
Expiration Date:	01 Nov 2026

Certificate of Inspection

For ships on international voyages this certificate fulfills the requirements of SOLAS 74 as amended, regulation V/14, for a SAFE MANNING DOCUMENT.

Vessel Name	Official Number	IMO Number	Call Sign	Service
CBC 107	1110706			Tank Barge

Hailing Port	Hull Material	Horsepower	Propulsion
NEW ORLEANS, LA UNITED STATES	Steel		

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
ASHLAND CITY TN UNITED STATES	20Aug2001	02Jul2001	R-735 I-	R-735 I-		R-200.0 I-0

Owner	Operator
CANAL BARGE COMPANY INC 1801 ENGINEERS ROAD BELLE CHASSE, LA 70037 UNITED STATES	CANAL BARGE COMPANY INC 1801 ENGINEERS ROAD BELLE CHASSE, LA 70037 UNITED STATES

This vessel must be manned with the following licensed and unlicensed Personnel. Included in which there must be 0 Certified Lifeboatmen, 0 Certified Tankermen, 0 HSC Type Rating, and 0 GMDSS Operators.

0 Masters	0 Licensed Mates	0 Chief Engineers	0 Oilers
0 Chief Mates	0 First Class Pilots	0 First Assistant Engineers	
0 Second Mates	0 Radio Officers	0 Second Assistant Engineers	
0 Third Mates	0 Able Seamen	0 Third Assistant Engineers	
0 Master First Class Pilot	0 Ordinary Seamen	0 Licensed Engineers	
0 Mate First Class Pilots	0 Deckhands	0 Qualified Member Engineer	

In addition, this vessel may carry 0 Passengers, 0 Other Persons in crew, 0 Persons in addition to crew, and no Others. Total Persons allowed: 0

Route Permitted And Conditions Of Operation:

---Lakes, Bays, and Sounds plus Limited Coastwise---

Also, in fair weather only, not more than twelve (12) miles from shore between St. Marks and Carrabelle, Florida.

This vessel has been granted a fresh water service examination interval in accordance with 46 CFR 31.10-21(a)(2). If this vessel is operated in salt water more than 6 months in any 12 month period, the vessel must be inspected using salt water intervals per 46 CFR 31.10-21(a)(1) and the cognizant OCMI notified in writing as soon as this change in status occurs.

This tank barge is participating in the Eighth Coast Guard District's Tank Barge Streamlined Inspection Program

SEE NEXT PAGE FOR ADDITIONAL CERTIFICATE INFORMATION

With this Inspection for Certification having been completed at Port Arthur, TX, UNITED STATES, the Officer in Charge, Marine Inspection, Marine Safety Unit Port Arthur certified the vessel, in all respects, is in conformity with the applicable vessel inspection laws and the rules and regulations prescribed thereunder.

Annual/Periodic/Re-Inspection

Date	Zone	A/P/R	Signature
21 Nov 22	Canal Barge	A	Eric Dunn
11 Aug 23	Hou Canal	P	Ray McGee

This certificate issued by:
K. A. Hantal, CDR, USCG, By direction
Officer in Charge, Marine Inspection
Marine Safety Unit Port Arthur
Inspection Zone

OMB No. 2115-0517

United States of America
Department of Homeland Security
United States Coast Guard

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Marine Safety Unit Port Arthur
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Dept. of Home Sec., USCG, CG-841 (Rev 4-2000)(v2)

OMB No. 2115-0517

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Marine Safety Unit Port Arthur
Inspection Zone

(TBSIP). Inspection activities aboard this barge shall be conducted per its Tank Barge Action Plan (TAP). Inspection issues concerning this barge should be directed to OCMI New Orleans, Louisiana.

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	30Sep2031	01Nov2021	23Sep2011
Internal Structure	31Aug2026	01Nov2021	29Aug2016

--- Liquid/Gas/Solid Cargo Authority/Conditions ---

Authorization: FLAMMABLE, COMBUSTIBLE LIQUIDS AND SPECIFIED HAZARDOUS CARGOES

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
12040	Barrels	A	Yes	No	No

Hazardous Bulk Solids Authority

Not Authorized

Loading Constraints - Structural

Tank Number	Max Cargo Weight per Tank (short tons)	Maximum Density (lbs/gal)
1 Thru 3	271	11.600

Loading Constraints - Stability

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
III	1507	9ft 3in	11.60	RIVERS, LAKES, BAYS AND SOUNDS

Conditions Of Carriage

Only those specified hazardous cargoes named in the vessel's Cargo Authority Attachment (CAA), Serial #VN01004826, dated 20Aug01, and Grade "A" and lower cargoes may be carried.

Per 46 CFR 150.130, the Person in Charge of the vessel is responsible for ensuring that the compatibility requirements of 46 CFR 150 are met. Cargoes must be checked for compatibility using figures, tables and appendices of 46 CFR 150 in conjunction with the compatibility group numbers from the "COMPAT GROUP NO" column listed in the vessel's CAA.

When the vessel is carrying cargoes containing greater than 0.5% benzene, the Person In Charge is responsible for ensuring the provisions of 46 CFR 197, Subpart C, are applied.

Stability and Trim

Per 46 CFR 151.10(c)(2), the maximum tank weights listed above reflect uniform (within 5%) loading at the deepest draft allowed. When carrying subchapter "O" cargoes at shallower drafts, the barge should always be loaded uniformly.

The maximum design density of cargo which may be filled to the tank top is 8.74 lbs/gal. Cargoes with higher densities, up to 13.6 lbs/gal, may be carried as slack loads, but shall not exceed the tank weight limits as listed above.

--- Inspection Status ---

Cargo Tanks

	Internal Exam			External Exam		
Tank Id	Previous	Last	Next	Previous	Last	Next
1 Thru 3	23Sep2011	01Nov2021	30Sep2031	-	-	-

United States of America
Department of Homeland Security
United States Coast Guard

Certification Date:	01 Nov 2021
Expiration Date:	01 Nov 2026

Certificate of Inspection

Vessel Name: CBC 107

Tank Id	Safety Valves	Hydro Test Previous	Last	Next
1 Thru 3	-	-	16Aug2001	-

---Conditional Portable Fire Extinguisher Requirements---

Required Only During Transfer of Cargo or Operation of Barge Machinery

--- Fire Fighting Equipment ---

Fire Extinguishers - Hand portable and semi-portable

Quantity	Class Type
2	B-II

END

Department of Homeland Security
United States Coast Guard

Serial #:	VN01004826
COI Ref:	20-Aug-01

Certificate of Inspection

Cargo Authority Attachment

Vessel Name: CBC 107
Official #: D1110706

Shipyard: TRINITY MARINE PRO
Hull #: 4391

List of Authorized Cargoes

Cargo Identification						Conditions of Carriage	
		Compat					
Name	Chem Code	Group No	Exc	Grade	Hull Type	Note	Special Requirements in 46 CFR 151 General and Matls of Construction
Authorized Subchapter O Cargoes							
Ammonium bisulfite solution (70% or less)	ABX	43	Y		III		.50-73, .56-1(a), (b), (c)
Aminoethylethanolamine	AEE	8	N	E	III		.55-1(b)
Alkyl(C7-C9) nitrates	AKN	34	Y		III		.50-81, .50-86
Ammonium hydroxide (28% or less NH3)	AMH	6	N		III		.56-1(a), (b), (c), (f), (g)
Acetonitrile	ATN	37	N	C	III		No
Butyraldehyde (all isomers)	BAE	19	N	C	III		.55-1(h)
Butyl acrylate (all isomers)	BAR	14	N	D	III		.50-70(e), .50-81(e), (b)
Benzene hydrocarbon mixtures (containing Acetylenes)(having 10% Benzene or more)	BHA	32	Y		III		.50-60, .56-1(b), (d), (f), (g)
Benzene hydrocarbon mixtures (having 10% Benzene ormore)	BHB	32	N		III		.50-60
Butyl methacrylate	BMH	14	N	D	III		.50-70(e), .50-81(e), (b)
Benzene	BNZ	32	N	C	III		.50-60
Benzene, Toluene, Xylene mixtures (having 10% Benzeneor more)	BTX	32	N	B/C	III		.50-60
Cyclohexanone	CCH	18	N	D	III		.56-1(a), (b)
Creosote (all isomers)	CCW	21	Y	E	III		No
Cyclohexylamine	CHA	7	N	D	III		.56-1(a), (b), (c), (g)
Chlorobenzene	CRB	36	N	D	III		No
Cresols (all isomers)	CRS	21	N	E	III		No
Cyclopentadiene, Styrene, Benzene mixture	CSB	30	N	D	III		.50-60, .56-1(b)
Cresylate spent caustic	CSC	5	N		III		.50-73, .55-1(b)
Cyclohexanone, Cyclohexanol mixture	CYX	18	Y		III		.56-1 (b)
N,N-Dimethylacetamide	DAC	10	N	E	III		.56-1(b)
2,4-Dichlorophenoxyacetic acid, dimethylamine saltsolution	DAD	0	Y		III		.56-1(a), (b), (c), (g)
Diisobutylamine	DBU	7	N	D	III		.55-1(c)
1,1-Dichloroethane	DCH	36	N	C	III		No
Dichloromethane	DCM	36	N	NF	III		No
2,4-Dichlorophenoxyacetic acid, diethanolamine saltsolution	DDE	43	N		III		.56-1(a), (b), (c), (g)
Diethanolamine	DEA	8	N	E	III		.55-1(c)
Diethylamine	DEN	7	N	C	III		.55-1(c)
Diethylenetriamine	DET	7	Y	E	III		.55-1(c)
Diisopropanolamine	DIP	8	N	E	III		.55-1(c)
Dimethylethanolamine	DMB	8	N	D	III		.56-1(b), (c)
Dimethylformamide	DMF	10	N	D	III		.55-1(c)
Dodecyldimethylamine, Tetradecyldimethylamine mixture	DOT	7	N	E	III		.56-1(b)
1,1-Dichloropropane	DPB	36	N	C	III		No
1,3-Dichloropropane	DPC	36	N	C	III		No
1,2-Dichloropropane	DPP	36	N	C	III		No
2,4-Dichlorophenoxyacetic acid, triisopropanolaminesalt solution	DTI	43	Y		III		.56-1(a), (b), (c), (g)
Ethyl acrylate	EAC	14	N	C	III		.50-70(e), .50-81(e), (b)
2-Ethylhexyl acrylate	EAI	14	N	E	III		.50-70(e), .50-81(e), (b)
N-Ethylbutylamine	EBA	7	N	C	III		.55-1(b)
N-Ethylcyclohexylamine	ECC	7	N	D	III		.55-1(b)
Ethylenediamine	EDA	7	Y	D	III		.55-1(c)
Ethylene dichloride	EDC	36	Y	C	III		No
Ethylene glycol monoalkyl ethers	EGC	40	N	D/E	III		No
Ethylene glycol hexyl ether	EGH	40	N	E	III		No
Ethylene glycol propyl ether	EGP	40	N	E	III		No
2-Ethyl-3-propylacrolein	EPA	19	Y	E	III		No
Ethylene cyanohydrin	ETC	20	N	E	III		No
Ethyl methacrylate	ETM	14	N	C	III		.50-70(e)

Department of Homeland Security
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Serial #:	VN01004826
COI Ref:	20-Aug-01

Certificate of Inspection

Cargo Authority Attachment

Vessel Name: **CBC 107**
Official #: **D1110706**

Shipyard: **TRINITY MARI**
Hull #: **4391**

Cargo Identification						Conditions of Carriage	
Name	Chem Code	Compat Group No	Compat Exc	Grade	Hull Type	Note	Special Requirements in 46 CFR 151 General and Matls of Construction
Furfural	FFA	19	N	E	III		.55-1(h)
Formaldehyde solution (37% to 50%)	FMS	19	Y	D/E	III		.55-1(h)
Glutaraldehyde solution (50% or less)	GTA	19	N	NF	III		No
Hexamethylenediamine solution	HMC	7	N	E	III		.55-1(c)
Isodecyl acrylate	IAI	14	N	E	III		.50-70(a), .50-81(a), (b), .55-1(c)
Isoprene	IPR	30	N	A	III		.50-70(a), .50-81(a), (b)
Kraft pulping liquors (free alkali content 3% or more)	KPL	5	N		III		.50-73, .56-1(a), (c), (g)
Methyl acrylate	MAM	14	N	C	III		.50-70(a), .50-81(a), (b)
Methylcyclopentadiene dimer	MCK	30	N	C	III		No
Methyl diethanolamine	MDE	8	N	E	III		.56-1(b), (c)
Ethanolamine	MEA	8	N	E	III		.55-1(c)
2-Methyl-5-ethylpyridine	MEP	9	N	E	III		.55-1(c)
Methyl methacrylate	MMM	14	N	C	III		.50-70(a), .50-81(a), (b)
Iso-Propanolamine	MPA	8	N	E	III		.55-1(c)
Morpholine	MPL	7	Y	D	III		.55-1(c)
2-Methylpyridine	MPR	9	N	D	III		.55-1(c)
Mesityl oxide	MSO	18	Y	D	III		No
alpha-Methylstyrene	MSR	30	N	D	III		.50-70(a), .50-81(a), (b)
Coal tar naphtha solvent	NCT	33	N	D	III		.50-73
1- or 2-Nitropropane	NPM	42	N	D	III		.50-81
Propanolamine (iso-, n-)	PAX	8	N	E	III		.56-1(b), (c)
1,3-Pentadiene	PDE	30	N	A	III		.50-70(a), .50-81
Polyethylene polyamines	PEB	7	Y	E	III		.55-1(c)
Pyridine	PRD	9	N	C	III		.55-1(c)
Sodium hypochlorite solution (20% or less)	SHQ	5	N	NF	III		.50-73, .56-1(a), (b)
Sodium sulfide, hydrosulfide solution (H2S 15 ppm orless)	SSH	0	Y		III		.50-73, .55-1(b)
Sodium sulfide, hydrosulfide solution (H2S greater than15 ppm but less than 200 ppm)	SSI	0	Y		III		.50-73, .55-1(b)
Styrene monomer	STY	30	N	D	III		.50-70(a), .50-81(a), (b)
Triethanolamine	TEA	8	Y	E	III		.55-1(b)
Triethylenetetramine	TET	7	Y	E	III		.55-1(b)
Tetrahydrofuran	THF	41	N	C	III		.50-70(b)
Triphenylborane (10% or less), caustic soda solution	TPB	5	N		III		.56-1(a), (b), (c)
Trisodium phosphate solution	TSP	5	N	NF	III		.50-73, .56-1(a), (c)
Tetraethylenepentamine	TTP	7	N	E	III		.55-1(c)
Urea, Ammonium nitrate solution (containing more than2% Ammonia)	UAS	6	N		III		.56-1(b)
Vinyl acetate	VAM	13	N	C	III		.50-70(a), .50-81(a), (b)
Vanillin black liquor (free alkali content 3% or more)	VBL	5	N		III		.50-73, .56-1(a), (c), (g)
Vinyltoluene	VNT	13	N	D	III		.50-70(a), .50-81, .56-1(a), (b), (c), (g)

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Certificate of Inspection

Cargo Authority Attachment

Vessel Name: **CBC 107**
Official #: **D1110706**

Shipyard: **TRINITY MARI**
Hull #: **4391**

Cargo Identification						Conditions of Carriage	
		Compat					
Name	Chem Code	Group No	Exc	Grade	Hull Type	Note	Special Requirements in 46 CFR 151 General and Matls of Construction

Explanation of terms & symbols used in the Table:

Cargo Identification

Name — The proper shipping name as listed in 46 CFR Table 151.05.

Chem Code — The three letter designation assigned to the cargo in the Chemical Hazards Response Information System (CHRIS) Manual.

Compatibility Group No — The cargo reactive group number assigned for compatibility determinations in 46 CFR Part 150 Tables I and II. In accordance with 46 CFR 150.130, the Person-In-Charge of the barge is responsible for ensuring that the compatibility requirements of 46 CFR Part 150 are met. Cargoes must be checked for compatibility using the figures, tables, and appendices of 46 CFR 150 in conjunction with the assigned reactive group number.

Exceptions (Exc) — Indication of whether or not there are exceptions to the compatibility chart for the given cargo. See Appendix I to 46 CFR Part 150

Grade — The cargo classification assigned to each flammable or combustible liquid. Grades inside of "( )" indicate a provisional assignment based upon literature sources which were not verified by manufacturers data. The Person-In-Charge shall verify the cargo grade based on Manufacturers data and ensure that the barge is authorized for carriage of that grade of cargo.

- A, B, C — Flammable liquid cargoes, as defined in 46 CFR 30-10.22.
- D, E — Combustible liquid cargoes, as defined in 46 CFR 30-10.15.
- NA, NF — These subchapter O cargoes which are not classified as a flammable or combustible liquid.
- # — No flammability/combustibility grade has been assigned yet, as the necessary flash point/vapor pressure data for such assignments are presently not available.

Hull Type — The required barge hull classification for carriage of the specified Subchapter O hazardous material cargo, see 46 CFR 151.10-1.

- I — Designed to carry products which require the maximum preventive measures to preclude the uncontrolled release of the cargo. See 46 CFR 151.10-1(b)(1).
- II — Designed to carry products which require significant preventive measures to preclude the uncontrolled release of cargo. See 46 CFR 151.10-1(b)(3).
- III — Designed to carry products of sufficient hazard to require a moderate degree of control. See 46 CFR 151.10-1(b)(4).

Conditions of Carriage

Note — See Certificate of Inspection for explaination of symbols used in this column